WHAT IS CLAIMED IS:

1. A display unit having a communication control circuit for communicating with an externally connected computer, wherein said communication control circuit comprises:

comparing means for comparing a first identification information which is previously stored in said display unit. and a second identification information which is previously stored in said computer and is sent from said computer; and,

a communication prohibition means for prohibiting communication between said computer with respect to display control of said display unit, when said first and second identification information do not match as a result of the comparison by said comparing means.

2. A display unit according to claim 1, wherein said first and second identification information include an identification number.

~~3.~~ A display unit according to claim 1, wherein said communication control circuit enables bi-directional communication with said display unit and said computer.

~~4.~~ A display unit having a communication control circuit for communicating with an externally connected

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computer, wherein said communication control circuit comprises:

comparing means for comparing a first identification information which is previously stored in said display unit, and a second identification information which is previously stored in said computer and is sent from said computer; and

a reception prohibition means for prohibiting reception of a control command from said computer, for controlling at least one of a display size, a display position, a brightness, and a contrast of said display unit, when said first and second identification information do not match as a result of the comparison by said comparing means.

5. A display unit according to claim 3, wherein said first and second identification information include an identification number.

6. A display unit according to claim 4, wherein said communication control circuit enables bi-directional communication with said display unit and said computer.

7. A display unit having a communication control circuit for communicating with an externally connected computer, wherein said communication control circuit comprises:

memory means for storing at least data of a frequency range to which said display unit is operable;

comparing means for comparing a first identification information which is previously stored in said display unit, and a second identification information which is previously stored in said computer and is sent from said computer; and

a communication permission means for permitting communication between said computer, at least with respect to said data of a frequency range stored in said memory means, when said first and second identification information match as a result of the comparison by said comparing means.

8. A display unit according to claim 7, wherein said first identification information is stored in said memory means.

9. A display unit according to claim 7, wherein said data relating at least to a display specification of said display unit stored in said memory means, includes data of a frequency range to which said display unit is operable.

10. A display unit according to claim 7, wherein said first and second identification information include an identification number.

11. A display unit according to claim 7, wherein said communication control circuit enables bi-directional communication with said display unit and said computer.

12. A display unit having a communication control circuit for communicating with an externally connected computer, wherein said communication control circuit comprises:

memory means for storing at least data of a frequency range for which said display unit is operable;

comparing means for comparing a first identification information which is previously stored in said display unit in advance, and a second identification information which is previously stored in said computer and is sent from said computer; and

a communication prohibition means for prohibiting communication between said computer, at least with respect to said data of a frequency range stored in said memory means, when said first and second identification information do not match as a result of the comparison by said comparing means.

13. A display unit according to claim 12, wherein the control of said memory means includes rewriting or writing control of said data in said memory means.

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~~14~~. A display unit according to claim ~~12~~, wherein said first identification information is stored in said memory means.

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~~15~~. A display unit according to claim ~~12~~, wherein said data relating at least to a display specification of said display unit stored in said memory means, includes data of a frequency range to which said display unit is operable.

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~~16~~. A display unit according to claim ~~12~~, wherein said first and second identification information include an identification number.

~~17. A display unit according to claim 12, wherein said communication control circuit enables bi-directional communication with said display unit and said computer.~~

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~~18~~. A display unit having a communication control circuit for communicating with an externally connected computer, wherein said communication control circuit comprises:

comparing means for comparing a first identification information which is previously stored in said display unit, and a second identification information which is previously stored in said computer and is sent from said computer; and

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a communication permission means for enabling display control by said computer and permitting communication between said computer and said display unit with respect to display control of said display unit, when said first and second identification information match as a result of the comparison by said comparing means,

wherein said communication control circuit enables bi-directional communication with said display unit and said computer.

15. A display unit having a communication control circuit for communicating with an externally connected computer, wherein said communication control circuit comprises:

comparing means for comparing a first identification information which is previously stored in said display unit, and a second identification information which is previously stored in said computer and is sent from said computer; and

a reception permission means for enabling control of a display size/position of said display unit by said computer and permitting reception of a control command from said computer for controlling at least the display size/position of said display unit, when said first and second identification information match as a result of the comparison by said comparing means,

wherein said communication control circuit enables bi-directional communication with said display unit and said computer.

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~~20~~. A display unit for displaying an image based upon a digital image information signal, inputting said digital image information signal from an externally connected computer, comprising:

comparing means for comparing a first identification information which is previously stored in said display unit, and a second identification information which is previously stored in said computer and is sent from said computer; and

a communication permission means for enabling display control by said computer and permitting communication between said computer and said display unit with respect to display control of said display unit, when said first and second identification information match as a result of the comparison by said comparing means,

further comprising a communication controller which enables bi-directional communication with said display unit and said computer.

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~~21~~. A display unit for displaying an image based upon a digital image information signal, inputting said digital image information signal from an externally connected computer,

comprising:

comparing means for comparing a first identification information which is previously stored in said display unit, and a second identification information which is previously stored in said computer and is sent from said computer; and

a communication prohibition means for disabling control of said memory means by said computer and prohibiting communication between said computer and said memory means of said display unit, when said first and second identification information do not match as a result of the comparison by said comparing means,

further comprising a communication controller which enables bi-directional communication with said display unit and said computer.

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~~22~~. A display unit for displaying an image based upon an image signal inputted from an externally connected computer, comprising:

memory means for storing an identification number for making said computer recognize that said display unit is communicatable with said computer; and

a communication ~~control~~ controller means for sending said identification number stored in said memory means to said computer,

wherein said communication ~~control~~ controller means enables bi-

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directional communication with said display unit and said computer.

~~23~~. ~~A display unit for displaying an image based upon an~~ image signal inputted from an externally connected computer, comprising:

memory means for storing an identification number for making said computer recognize that said display unit is communicatable with said computer; and

a communication control means for sending said identification number stored in said memory means to said computer in response to power on of at least one said display unit and said computer,

wherein said communication control means enables bi-directional communication with said display unit and said ~~computer.~~

~~24~~. A display unit for displaying an image based upon an image signal inputted from an externally connected computer, comprising:

a memory which stores an identification number for making said computer recognize that said display unit is communicatable with said computer; and

a communication controller connected to said memory which sends said identification number stored in said memory to said

computer,

wherein said communication controller enables bi-directional communication with said display unit and said computer.

25. A display unit for displaying an image based upon an image signal inputted from an externally connected computer, comprising:

a memory which stores an identification number for making said computer recognize that said display unit is communicatable with said computer; and

a communication controller which sends said identification number stored in said memory to said computer in response to power on of at least one of said display unit and said computer,

wherein said communication controller enables bi-directional communication with said display unit and said computer.

26. A method of communicating between a display unit and a video source from which video signals are sent to the display unit for display, the method comprising the steps of:

communicating display unit information stored in a memory of the display unit from the display unit to the video source, wherein said display unit information includes an

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identification number for uniquely identifying the display unit; and

sending a signal from the video source to the display unit, wherein said signal is generated based on the display unit information,

wherein information is bi-directionally communicated with the video source and the display unit.

27. A display unit comprising:

a processor adapted to control display of the display unit; and

a communication controller capable of bi-directionally communicating with a video source;

wherein the communication controller communicates information received from the video source to the processor.

28. A display unit according to claim 27, further comprising a video circuit adapted to display video signals sent by the video source, wherein the processor generates control signals for the video circuit.

29. A display unit according to claim 28, further comprising a memory in which at least display unit information is stored.

30. A display unit according to claim 29, wherein the communication controller communicates the display unit information to the video source, and the display unit receives a signal from the video source that is generated based on the display unit information.

31. A display unit according to claim 30, wherein the video source is a computer.

32. A display unit according to claim 27, further comprising a deflection circuit, wherein the processor generates control signals for the deflection circuit.

33. A display unit according to claim 32, further comprising a memory in which at least display unit information is stored.

34. A display unit according to claim 33, wherein the communication controller communicates the display unit information to the video source, and the display unit receives a signal from the video source that is generated based on the display unit information.

35. A display unit according to claim 34, wherein the video source is a computer.

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